

# Strategic and Operational Plan 2023-2028

Friends of Taupō Swamp & Catchment

Friends of Taupō Swamp & Catchment

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# Introduction

# **Our members**

Friends of Taupō Swamp & Catchment Inc (FOTSC) is a charitable entity (CC56756) comprised of growing numbers of members from local, regional and national communities.

The group works with volunteers and key partners to restore and enhance the ecological values of the Taupō Stream, its associated wetlands and catchment, and specifically within the PCC owned area of the Key Native Ecosystem (KNE).

The group undertakes regular weed and pest control, and planting. Water quantity, flow and quality are intrinsic to the nature of FOTSC restoration planning.

FOTSC promotes and co-ordinates community discussion and active support for the protection and restoration of the area and its catchment. Advocacy has been a key part of FOTSC work since the inception of the organisation in 2018. Where possible, this has included working alongside landowners within the catchment.

FOTSC continues to co-ordinate with local iwi (Ngāti Toa) to the extent to which they wish to be involved.

# **Our organisation**

The organisation was first conceived in 2018 when a group of Plimmerton residents voiced concern about the neglected state of 'Operational Area G' within the Taupō Swamp Complex of the KNE.

In order to progress a planned restoration programme, public interest was gauged by holding a community meeting in 2018, to which representatives from all public and private interest groups from around the Catchment were invited. From this a working committee was set up and a five+ year restoration plan was put in place. A working MOU was formed with the land owners of Area G, Porirua City Council.

The FOTSC Committee meets regularly, comprising of a Chairperson, secretary and treasurer, with other committee members taking on discrete roles as they are needed. Each year FOTSC prioritises its work schedule to take account of the availability and strengths of its governing Committee and its members.

The Committee works to involve new members and maintains an active and growing database of interested volunteers and supporters.

The work of FOTSC is made possible by grants, and monetary donations as well as donations of time and expertise. There is no annual membership fee.

As at the writing of this report Operational Area G (KNE) and adjoining areas have been successfully cleared of pest plants (predominantly blackberry) with the support of key partners. Some 15,000 plants comprising locally sourced native wetland and forest species have been planted since 2019.

This plan provides a framework for future work of the organisation so whatever gains have been made are not lost and any protection and restoration of the site will be informed by shared experiences and improved knowledge about the site

# Our key partners

## **Greater Wellington Regional Council (GWRC)**

The Taupō Swamp Complex is classified as a Key Native Ecosystem (KNE) and has particular protections which are defined and overseen by GWRC. The GWRC Operational Plan is updated every five years and includes the control of pest plants, pest animals, flood protection, biodiversity values, monitoring<sup>1</sup>. The Complex is also scheduled as an Outstanding Natural Wetland in Schedule A3 in the Proposed Natural Resources Plan (PNRP) for its representativeness and rarity. <sup>2</sup>

GWRC will "continue to support FOTSC and provide advice as required to assist in the ongoing protection of the values of Operational Area G known as 'Plimmerton Domain Wetland'". <sup>3</sup>

FOTSC relies on the support from the GW Community Environment Fund grants scheme which funds the purchase of locally sourced native plant species, and support for FOTSC volunteers.

<sup>&</sup>lt;sup>1</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW).

<sup>&</sup>lt;sup>2</sup> Greater Wellington Regional Council. 2019. Proposed Natural Resources Plan. p. 608.

<sup>&</sup>lt;sup>3</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW). p. 21, p. 34

## **Porirua City Council (PCC)**

FOTSC and Porirua City Council have an MOU which acknowledges the Organisation's role in the Operational Area G known as 'Plimmerton Domain Wetland'.

FOTSC is dependent on the support and advice from the PCC Parks Operation Manager, the PCC Horticulture Manager, and the management and staff of the PCC Siever's Grove Nursery. FOTSC continues to have active engagement with management and staff from the Porirua Harbour, Catchments and Resource Recovery team around riparian planting within the catchment.

#### Mana Whenua

Taupō Swamp and Stream is recognised as a site of significance for Ngāti Toa Rangatira. 4

The FOTSC sites are visited on a regular basis by a Ngāti Toa representative. This assures that the work FOTSC plans and carries out in Operational Area G aligns with the cultural values of the Iwi and with any funding FOTSC receives from the GW Community Environment Fund grant rounds.

#### **QEII National Trust**

A significant part of the KNE is owned and administered by QEII National Trust (approx.30 ha to the north). The southern end of their holdings share a boundary with Operational Area G's north-western boundary.

QEII staff continue to work alongside FOTSC in shared public engagement and concern for the unique values of the Complex and its catchment, and in the control of pest plants and planting planning.

# Other parties involved

#### **Pest Free Plimmerton**

FOTSC restoration planning and key funding is contingent on pest animal control in the KNE. FOTSC has worked closely with the voluntary group PFP from the beginnings of its restoration programme by supporting their ongoing trapping efforts and the broadening of the trap network around Taupō Swamp.

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<sup>&</sup>lt;sup>4</sup> Ibid. P.5

## Composting NZ - Plimmerton / Kapiti

FOTSC is reliant on the support from Composting NZ which enables the organisation to have storage space for a work-base on the CNZ Plimmerton site. This allows easy access to the boundary bunds surrounding local businesses and the wetlands – along with onsite parking for volunteers.

There is an MOU in place between CNZ and FOTSC.

#### New Zealand Motor Caravans' Association (NZMCA)

NZMCA has shown support for the FOTSC restoration programme from its inception. FOTSC works alongside NZMCA to clear, plant and protect the bund area separating the local Plimmerton site from the wetlands. NZMCA members join FOTSC volunteer days from time to time. FOTSC is grateful for the financial support from the NZMCA GreenFund.

## Guardians of Pautahanui Inlet (GOPI) and Porirua Harbour Trust (PHT)

FOTSC works closely with both of these local voluntary organisations around information sharing, networking and advocacy for the Porirua Harbour and its catchments.

## Forest & Bird (Kapiti)

Information sharing and collaboration around environmental advocacy contributes to the values, purpose and outputs of both F & B and FOTSC.

#### Te Rito Nursery (Asert-Tatou Trust) Porirua

FOTSC works closely with Te Rito staff who actively collect locally sourced seed to grow on to satisfy FOTSC planting planning. Shared values around operating as a social enterprise model means that FOTSC sources the majority of its plants from Te Rito.

#### Waka Kotahi

WK owns around 7.5 ha of land along the eastern boundary of Taupō Swamp adjacent to SH 59. This includes Te Ara Harakeke pathway which is currently administered by PCC. <sup>5</sup> The control of pest plants and animals which may enter the wetlands via the pathway and adjoining land is important to the successful ecological outcomes for the Taupō Swamp and wetlands.

<sup>&</sup>lt;sup>5</sup> Ibid. P. 4

#### KiwiRail

The entire western boundary of the wetlands is occupied by the main trunk railway corridor which is owned and administered by KiwiRail. Access to the wetlands from the west is only possible from the rail corridor with a permit to enter. (The cost and administration of an annual permit currently prohibits FOTSC and Pest Free Plimmerton access to the corridor). As such FOTSC are dependent on KiwiRail to control pest plants and animals on their land. The prevention of such pests invading adjacent wetlands will be of prime importance to the successful outcomes for Taupō Swamp. An indicative annual KiwiRail budget of \$5000 is overseen by GW <sup>6</sup> for this 3 ha strip which extends for the length of the western boundary of the KNE.

## Kāinga Ora

Kāinga Ora is potentially involved in social housing initiatives within the Plimmerton Farm Development and further up the catchment on future residential zoned land near Pukerua Bay.

FOTSC maintains contact with the KO team about some of that development and will keep a watching brief on any planning which may impact on the special values of the catchment and the KNE within it.

#### 'Found-A- Feline'

FOTSC has contact with the voluntary group 'Found-A-Feline'. When feral cats are sighted in and around the wetlands, F-A-F humanely traps, de- sexes and rehomes any feral cats. FOTSC donates annually to the organisation to support this work. The local business community supports this initiative by reporting cat sightings.

## Conservation Volunteers NZ (CVNZ) and the CVNZ Conservation Work Skills training course, Porirua

FOTSC is fortunate to have regular support from these groups. International and local CVNZ volunteers give their time and expertise to assist with clearing and planting at strategic sites which might otherwise prove challenging for our volunteer base. It is a privilege to be able to support keen CVNZ workers as they seek further training or employment.

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<sup>&</sup>lt;sup>6</sup> Ibid. P. 28

# **Community Volunteers**

Without the support of community volunteers FOTSC would not continue to exist. They are key to the ongoing sustainability of FOTSC, and are crucial to underpinning the delivery of the Operations outlined in this Plan.

## **Private Landowners / Businesses within the Catchment**

FOTSC appreciates the ongoing support from this important group for such things as:

- Community / corporate work days
- Sightings of pest animals
- Access through private property to enable effective pest control, weeding, planting
- Access to donations of time, knowledge and expertise which have the potential to support the functions of FOTSC and to enhance the effectiveness of FOTSC's Operations' Plan 2023
- Advocacy for the unique qualities of the wetlands and the catchment as a whole

# Strategic plan

# Introduction – policy context

This plan aligns with the Greater Wellington Regional Council's (GWRC) Biodiversity strategy (2016) and the Key Native Ecosystem plan (KNE) for Taupō Swamp complex.

The vision of GWRC's biodiversity strategy is Healthy ecosystems thrive in the Wellington region and provide habitat for native biodiversity.

The following objectives guide GW's operational activities within the Taupō Swamp Complex KNE site:

- 1. To protect and maintain the interior swamp flaxland, reedland and open water areas.
- 2. To increase the diversity and regeneration of native plant communities present around the wetland margins.
- 3. To protect and enhance habitat for threatened or regionally rare native wetland bird species.
- 4. To maintain and increase existing populations of 'Threatened' native plant species present within the KNE site.
- 5. To enhance the values of native fish habitat within the KNE site.
- 6. To support the community in their restoration objectives for the KNE site.

The achievement of the vision of GWRC's biodiversity strategy and the objectives of the KNE plan requires the additional oversight and mahi of community voluntary groups such as FOTSC, whose work also encapsulates the wider Catchment of the Taupō Swamp complex. The points listed in Our Objectives cover the breadth of FOTSC work.

The Taupō Swamp complex has long suffered attempts to drain it; it has been squeezed by national infrastructure on its two longest sides and parts have been degraded or lost to farming and peat excavation and infill for an industrial complex. It has been and continues to be modified by the surrounding land use. Despite this, Taupō Swamp is classified as an 'Outstanding natural wetland' in the GWRC Natural Resources Plan because of its significant biodiversity values.

# **Our vision**

The Taupō Swamp Complex is a taonga in the Wellington Region. To ensure it remains a taonga for generations to come FOTSC will work to protect and enhance the biodiversity values of that Key Native Ecosystem and will continue to advocate for the values of its wider catchment

# Our purpose

To monitor, protect, restore and enhance the ecological values of the Taupō Stream, the Taupō swamp complex and its catchment and the water which flows from that catchment into Porirua Harbour

- FOTSC will work alongside key local, regional and national bodies and co-ordinate voluntary community involvement in its objectives
- FOTSC will work with private land owners where appropriate, to identify, monitor and enhance the biodiversity values of the Taupō swamp complex and its catchment
- FOTSC will advocate for the ecological, hydrological and educational values of the Taupō swamp complex and catchment and will engage councils, organisations, private landowners and the wider public

# **Our objectives**



#### 1. Advocate

Work to protect the ecological values of the Taupō Swamp complex and Catchment from the effects of development and changing land-use by lobbying regulatory bodies and landowners, and by continuing to engage with local communities.



## 2. Pest plants

Prioritise and reduce pest plants which impact negatively on the swamp complex by working with GWRC biosecurity staff, Porirua City Council, volunteers and other agencies and community groups. Ensure regular pest plant surveys and identify any new incursions of species which negatively impact the ecosystem.



## 3. Pest animals

Maintain and increase the local biodiversity in the complex by targeting pest animals which are negatively impacting native fauna. Use community sightings and monitoring methods to determine trends. Publish results regularly.



## 4. Monitoring

Ensure base line monitoring of the hydrology is established and water quality is monitored. Improve understanding of the complex and determine trends in its condition. Native flora and fauna and pest animals need to be monitored to refine and then determine restoration outcomes.



## 5. Planting

Supplement existing wetland plant communities with appropriate locally-sourced species. Maintain newly planted areas. Identify areas which would benefit from new planting, and co-ordinate associated pest weed removal / ground preparation.



#### 6. Partners

Continue to establish relationships and work with mana whenua, Local Bodies, relevant organisations, landowners, identified stakeholders and volunteers.



# 7. Funding

Continue to apply for grants and obtain donations as required to provide the resources needed to reach FOTSC's stated objectives.



# 8. Sustainability of FOTSC

FOTSC as an organisation will continue its work, mindful that the Organisation must maintain sufficient capacity to plan and execute its objectives. This Strategic Plan has been formulated with input and agreement from key stakeholders.



## 9. Strategic planning of future work

FOTSC will produce and work with this Operational Plan covering five years 2023-2028, at which time the Plan will be reviewed.

One of the key purposes of this plan is to ensure that stakeholders continue to recognise the issues that FOTSC is working to address and to hold them to account for stated objectives which guide operational activities within the area

# **Our outcomes**



Ideally there will be no negative impacts on the wetland complex by changes of landuse in the catchment. Similarly, there will be no change to the hydrology (water flow /quantity) or increase in pollutants and sediments in any freshwater. Water quality continually improves. Climate change challenges this ideal, as does planned urban development within the catchment.



Targeted pest plants, aquatic or dryland, are reduced in density and distribution. Buffer zones are monitored for invasive species and sufficient funding is allocated to prevent new incursions.



Pest animals are reduced to levels which allow native fauna and flora to thrive within the complex. A solution is found to enable pest control on the western edge of the complex. Support Pest Free Plimmerton in trapping in the wider Catchment.



Baseline monitoring of the hydrology, stream quality and native flora and fauna has been established and on-going monitoring is carried out to be able to determine trends in ecosystem health.



Partnerships with Councils and other volunteer groups are thriving and are supported. Partners are sought to find ways to improve connections / physical access to the wetland complex and to enhance understanding.



Responsibility for different areas of work in the complex is determined. MOUs with relevant key organisations are written and regularly reviewed.



Councils and government bodies respect and consult with FOTSC on consent conditions relevant to the catchment, to ensure they prevent negative impacts on any parts of the ecosystems in the KNE and the wider Catchment.



An operational plan covering the next five years is written. No new work will be committed where it exceeds the ability to maintain existing areas.



The FOTSC Operations Plan 2023-2028 will come under a timely review in consultation with Key Partners.

# **Operational delivery schedule**

# **Objective 1: Advocate**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
	Whole of FOTSC operational area See appendix 1: Map of the Taupō Swamp Complex and Catchment	Push for the stated outcomes sought by the parties committed to the GW Biodiversity Strategy (2016) <sup>7</sup> and the Key Native Ecosystem Operational Plan for the Taupō Swamp Complex <sup>8</sup>	FOTSC	Circulate the FOTSC Strategic and Operations Delivery Plan 2023 and ensure that key parties are aware of its intended outcomes	✓	✓	FOTSC outcomes 1-9 are achieved <sup>9</sup>
	<b>✓</b>	Submissions to local and regional planning	FOTSC with other interest groups	Lobby relevant regulatory bodies and govt agencies	Work with GOPI, PHT, PRA, QEII NT <sup>10</sup> and other local interest groups make a submission to the 10-year review of the GW Annual Plan	To be decided	FOTSC input into the plan review aligns with FOTSC outcomes 1-9 as above

<sup>&</sup>lt;sup>7</sup> FOTSC Strategic and Operational Plan 2023, p.11. Policy Context

<sup>&</sup>lt;sup>8</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW)

<sup>&</sup>lt;sup>9</sup> FOTSC Strategic and Operational Plan 2023, p. 15. Outcomes

<sup>&</sup>lt;sup>10</sup> Guardians of Pauatahanui Inlet, Porirua Harbour Trust, Plimmerton Residents' Association, QEII National Trust

	<b>√</b>	Input into the KNE Operational Plan for Taupō Swamp Complex 2026-2031. GWRC	FOTSC QEII NT	-	FOTSC input into 2025-2030 GW KNE Plan	<b>√</b>	The deliverables in the GW KNE Taupō Swamp Complex Operational Delivery Schedules 2020-2025 & 25-30 are aligned with FOTSC outcomes
	✓	Work with key partners and other parties to ensure that:  • lead people in such organisations are identified, and are kept updated with FOTSC requirements and progress.  • any continuity issues re their staffing are minimised so that agreed actions are achieved	FOTSC GW PCC QEII NT	MOUs in place with 2 key partners: GWRC and PCC	<b>✓</b>	✓	The deliverables in the GW KNE Taupō Swamp Complex Operational Delivery Schedules 2020-2025 & 25-30 are achieved <sup>11</sup>
	FOTSC will be recognised as an affected party re any environmental threats within the operational area so that better solutions for any urban development within the catchment are sought	FOTSC with:  GW  PCC  Kāinga Ora  KiwiRail  Waka Kotahi	Connect with key staff in the newly created GW Porirua Catchment team	✓	<b>√</b>	Clear mechanisms are in place for reporting concerns / breaches	
		·		Meet with the GW Environment Committee	<b>√</b>	<b>√</b>	ditto

<sup>&</sup>lt;sup>11</sup> Ibid.

				FOTSC recognised as an affected party re consents and monitoring within the Catchment	<b>√</b>	<b>√</b>	FOTSC notified of any consents for change of land use in the catchment
	Network with similar local groups such as GOPI, PHT, QEII NT, F&B to share information around issues arising which might affect the harbour, catchment, wetlands and inform FOTSC advocacy	groups such as GOPI, PHT, QEII NT, F&B to share information around issues arising which	FOTSC	Reporting breaches of consent conditions	<b>√</b>	<b>√</b>	An effective network among groups is in place
			Lobbying regulatory bodies	✓	✓		
				Engage with and present to local communities	<b>√</b>	<b>√</b>	
	<b>✓</b>	Improve community understanding of FOTSC goals	FOTSC, PRA, Plimmerton School, CRATOS	'Young people and their families'	To be decided	<b>√</b>	Evidence of successful outcomes across focus interest areas
			NZ Ltd	Science based school wide programme. Term 4, 2023 & ongoing	<b>✓</b>	<b>√</b>	Positive engagement & feedback from school pupils
	<b>√</b>	Continue to advocate for FOTSC objectives by providing opportunities which serve to inform the community about the values of the wetlands and the catchment	FOTSC	Continue FOTSC social media updates and website	<b>✓</b>	<b>√</b>	Effective communication with stakeholders Regular newsletters to the FOTSC database of supporters

# **Objective 2: Pest plants**

Key activity	Operational area	Planned actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
36 A	Whole of FOTSC operational area	Survey for pest plants already identified <sup>12</sup>	GWRC Biosecurity	<b>✓</b>	<b>✓</b>	<b>✓</b>	High priority pest plants are identified and follow up surveys are undertaken to determine if there are any new incursions and/or priority species need to be changed
\$ 0 PK	Whole of FOTSC operational area	Annual survey of blackberry	CRATOS drone technology	✓	✓	✓	Annual survey identifies areas for treatment and follow up for the following year over 5 years
		Share results to GWRC biosecurity	GWRC Biosecurity	<b>√</b>	✓	<b>√</b>	
		Seek more targeted funding for weed control in specific sites	PCC	✓	✓	✓	PCC supports weed control with additional funding

<sup>&</sup>lt;sup>12</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW) pp. 23-24

300 £	Whole of FOTSC operational area	Identify accessible areas where volunteers can control target weeds	FOTSC	<b>√</b>	<b>✓</b>	<b>✓</b>	Pest plants are controlled to low levels where they are impacting biodiversity values and new planting
\$ 0 F	Area to be determined by annual survey	Ensure blackberry is controlled in target areas	GWRC biosecurity <sup>13</sup>	<b>✓</b>	<b>✓</b>	<b>✓</b>	The extent of treated blackberry is reduced by 90%
360 €	Lower Taupō stream	Encourage and support GW Biosecurity to eradicate cape pondweed (Aponogeton distachyos)	GWRC	<b>✓</b>	<b>√</b>	✓	A plan to eradicate cape pondweed is written by 2026 and funding is allocated to implement the plan <sup>14</sup>

 <sup>&</sup>lt;sup>13</sup> Ibid. p. 23
 <sup>14</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2026-31. (GW)

# **Objective 3: Pest animals**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
	Operational Area G known as 'Plimmerton Domain Wetland' & its margins	Communicate with local businesses whose boundaries are adjacent to the KNE re trap lines and pest sightings	FOTSC	<b>✓</b>	<b>✓</b>	<b>✓</b>	Clear links established to local businesses
	Whole of FOTSC operational area	Hold GWRC biosecurity to account for committed funding for pest control which includes regular monitoring <sup>15</sup>	FOTSC	✓	<b>√</b>	✓	Funding committed, and actions and outcomes shared with FOTSC GWRC pest animal monitoring in place.
	Whole of FOTSC operational area	GWRC to progress the restricted KiwiRail access to the rail corridor for traplines	GWRC	Push for KiwiRail access	<b>√</b>	✓	Access to rail corridor established

 $<sup>^{15}</sup>$  Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW). pp 24-25.

	Support the work of Pest Free Plimmerton	FOTSC	FOTSC funding for 'over and above' PFP expenses	✓	<b>√</b>	Pest Free Plimmerton continues to operate so FOTSC restoration goals are supported
		FOTSC	Storage space available in the FOTSC work container	<b>✓</b>	✓	Regular publication of trapping results
		FOTSC	Successful grant application: 'volunteer support' for trap line clearance	✓	<b>√</b>	
		GWRC	GWRC – timely advice re trap placements	✓	<b>√</b>	
	Maintain contact with organisations such as Found-A- Feline <sup>16</sup>	FOTSC Local businesses	Feral cat sightings reported	✓	<b>√</b>	Contact with feral cat agencies is still established

<sup>&</sup>lt;sup>16</sup> Found-a Feline and similar cat rescue organisations act on sightings, identify feral cats, humanely trap, de-sex and rehome

# **Objective 4: Monitoring**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
	Taupō Swamp Complex KNE	GW Photopoint location sites are monitored annually <sup>17</sup>	GWRC	<b>✓</b>	<b>✓</b>	✓	Restoration outcomes refined and informed by this information  Trends in wetland health are quantified and areas for improvement identified
	Taupō Swamp Complex KNE	Continuation of water level monitoring at the weir <sup>18</sup>	GWRC	2023- 2024	✓	To be determined in the revised KNE planning 2026-31	Restoration outcomes refined and informed by this information
			FOTSC	Use this data to inform restoration plans	<b>√</b>	<b>√</b>	

<sup>&</sup>lt;sup>17</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW) pp. 20, 26 <sup>18</sup> Ibid. P. 21

Taupō Swamp Complex KNE	Wetlands and stream fish survey <sup>19</sup>	GWRC	Over the duration of the KNE Plan	✓	<b>√</b>	Restoration outcomes refined and informed by this information
Taupō Swamp Complex KNE	Follow up survey of the KNE re vegetation composition, soil condition, plant nutrient status, wetland condition and wetland pressure index from 4 plots in the complex <sup>20</sup>	GWRC	2023-2024	tbd	tbd	Restoration outcomes refined and informed by this information
Taupō Swamp Complex KNE	Base line monitoring of the hydrology is established and water quality is monitored at key points	GWRC FOTSC	Push for inclusion in the reviewed KNE Operational delivery schedule	✓ ✓	✓ ✓	Restoration outcomes refined and informed by data  Effects of planned urban development are thus monitored
Taupō Swamp Complex KNE	Base line monitoring of native flora and fauna and	GWRC QEII NT	KNE review 2026- 31.	<b>√</b>	<b>√</b>	Monitoring serves to refine and inform

<sup>&</sup>lt;sup>19</sup> Ibid. P. 25. Objectives

<sup>&</sup>lt;sup>20</sup> Ibid. P. 21

	pest animals is established and ongoing	FOTSC	Push for inclusion in the reviewed KNE Operational delivery schedule	<b>√</b>	<b>√</b>	restoration outcomes by an improved understanding of the complex and trends in its condition
Taupō Swamp Complex KNE	QEII annual monitoring of the QEII managed site <sup>21</sup>	QEII NT	<b>✓</b>	✓	✓	Restoration outcomes refined and informed by data
Taupō Swamp Complex KNE	Engage with CRATOS Ltd to plan and access drone footage of Operational Area G <sup>22</sup>	FOTSC	Annual drone monitoring of the site  Use of drone footage for ID of pest plants especially blackberry	Annual monitoring of the site  Objectives tbd	Annual monitoring of the site  Objectives tbd	FOTSC Operations and planning informed and refined by data  Trends in wetland health are quantified and areas for improvement identified

<sup>&</sup>lt;sup>21</sup> Ibid. P. 20

<sup>&</sup>lt;sup>22</sup> Ibid. P. 11

# **Objective 5: Planting**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
	Operational Area G known as 'Plimmerton Domain Wetland'	Pre-ordered stems planted into prepared riparian areas and dryer margins	FOTSC volunteers  CVNZ, CWS Porirua <sup>23</sup> Corporate groups, Local businesses, Te Rito Nursery, Porirua, PCC Sievers Grove Nursery	Riparian planting in areas A, C, E F  Drier area planting in areas E, F <sup>24</sup>	To be determined	To be determined	Re-vegetation planting of pioneer species where blackberry control and mulching efforts have been completed
		Plants are eco-sourced and site appropriate	Te Rito GWRC PCC	<b>√</b>	<b>✓</b>	<b>√</b>	Significant reduction in the regrowth of pest plants, especially blackberry, and an increase in the diversity and regeneration of native species
	Operational Area G known as 'Plimmerton Domain Wetland'	FOTSC planting plans agreed between key parties and are informed by the KNE Plan <sup>26</sup>	FOTSC GWRC PCC	✓	✓	✓	Planned planting of appropriate pioneer species is followed by taller emergent and canopy species where appropriate

<sup>&</sup>lt;sup>23</sup> Conservation Volunteers, NZ, Conservation Work Skills, Porirua

<sup>&</sup>lt;sup>25</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW). p. 25 <sup>26</sup> Key Native Ecosystem Operational Plan for Taupō Swamp Complex 2020-2025 (GW). pp. 11, 42

# **Objective 6: Partners**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
2°C	Operational Area G known as 'Plimmerton Domain Wetland' and the KNE in particular	FOTSC works alongside all parties involved in their roles in the care of the KNE, and holds parties to account for planned actions.	FOTSC GWRC PCC QEII NT	Circulate the 'FOTSC Strategic and Operational Plan 2023' and inform parties of FOTSC operations planning 2023-2028	<b>√</b>	<b>√</b>	FOTSC feels valued and is supported in protecting the values of the KNE site
200	Whole of FOTSC operational area	FOTSC engages with the many parties who have a	FOTSC	Regular newsletters	<b>√</b>	<b>√</b>	Partners recognise the necessity of FOTSC advocacy for the values of the wider catchment and are aware of the threats to those values
· ·		e Taupō Swamp plex and		Cross party advocacy	<b>√</b>	<b>√</b>	
	Catchment			Speaking engagements	<b>√</b>	<b>√</b>	Partnerships are connected and thriving so that shared crossparty objectives are achieved
				Connections with Mana Whenua	<b>√</b>	<b>√</b>	

<sup>&</sup>lt;sup>27</sup> FOTSC Strategic and Operational Plan 2023, pp. 5-9

# **Objective 7: Funding**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
	Whole of FOTSC operational area	Budget for annual funding for plants and plant protection, volunteer support, gear, pest control, onsite labour, promotion of activities, planning and admin costs	FOTSC	Seek donations of time, expertise and funding from the community  Grant applications to the GW Community Environment Fund, Nikau Foundation, NZMCA GreenFund	Applications as needed to additional funding streams	✓ ✓	Successful funding outcomes enables FOTSC to achieved stated operational objectives

# **Objective 8: Sustainability of FOTSC**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023	2024	2025-2028	Intended 5 year outcome
Ź	Whole of FOTSC operational area	FOTSC management committee will work to maintain its capacity to plan and deliver its agreed objectives	FOTSC	<b>√</b>	<b>✓</b>	<b>✓</b>	FOTSC management committee is active and has the capabilities to achieve stated outcomes. Succession planning is in place
20		Activate and nurture partnerships	FOTSC	✓	✓	✓	Partnerships are thriving
Ź	operational area	Engage with and nurture volunteers, off site and onsite	FOTSC	<b>✓</b>	<b>✓</b>	✓	Volunteer groups feel supported, and are engaged in planned operations
20		Apply for necessary funding	FOTSC	✓	✓	<b>√</b>	Funding covers planned operations
20		Prioritise planned operations on an annual basis	FOTSC	✓	✓	<b>√</b>	Agreed annual priorities are set

# **Objective 9: Strategic planning of future work**

Key activity	Operational area	Planned Actions	Delivery – by whom	2023-2024	2025-2028	2027-2028
);;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	operational area	Timely review of the FOTSC Strategic and Operations plan in consultation with key partners Review FOTSC operations with regard to the organisation's current capabilities		Identified priorities:  - Pest weed control  - Pest animal control  - Monitoring  - Advocacy	ТВО	FOTSC strategic and operations plan 2028-2033 published following a similar consultation process

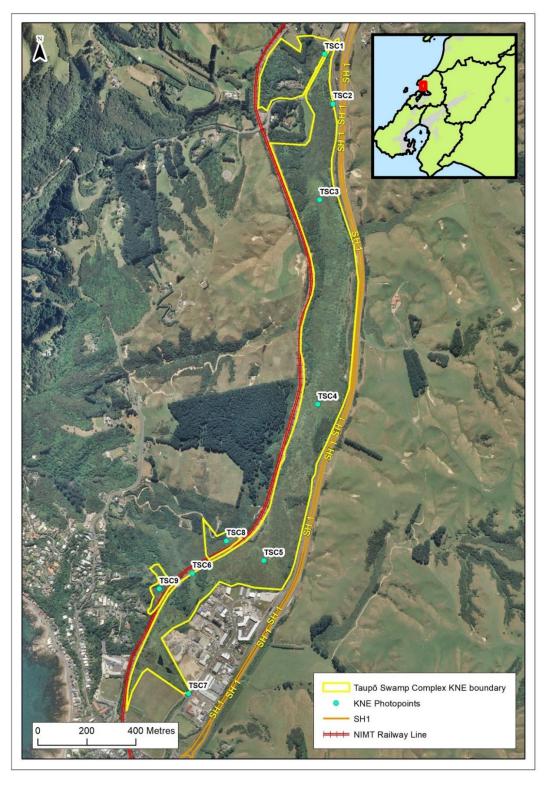
# **Appendices**

**Appendix 1: Taupō Stream Catchment** 



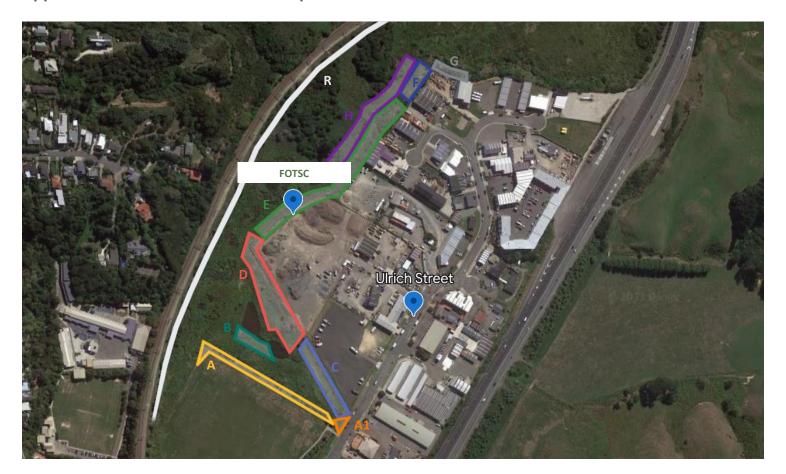
Courtesy of Porirua City Council

**Appendix 2: Taupō Swamp Complex KNE boundary** 

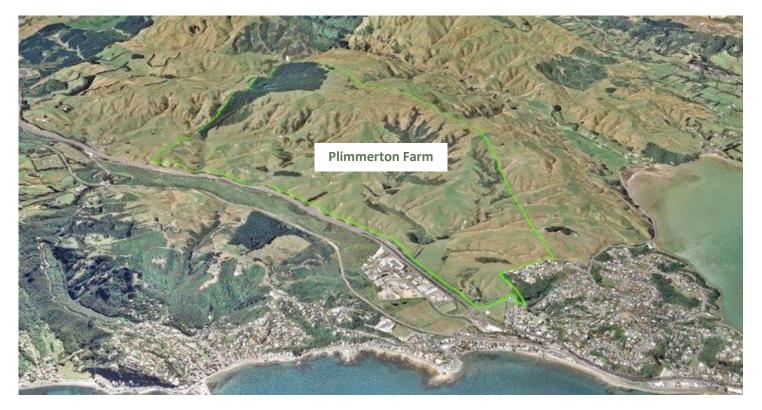


Courtesy of Greater Wellington Regional Council

**Appendix 3: FOTSC onsite areas of operation** 



Appendix 4: Aerial view of the Taupō Swamp KNE showing proposed urban development



Courtesy of Porirua City Council

# **Acknowledgements and contacts**

The Friends of Taupō Swamp & Catchment Strategic and Operational Plan 2023 was formed as a result of a community and stakeholder Hui held late 2022 in St Andrews Hall, Plimmerton.

Participants from many of FOTSC's key partners and supporters met to share thoughts on the outcomes of the FOTSC 5 year restoration plan and what the next five years' strategic and operational objectives might look like for the organisation.

This document is the result of that input and will inform the organisation's work as it faces a number of challenges, not the least being climate change and planned urbanisation within the catchment.

We welcome feedback and support at: <a href="mailto:tauposwamp@gmail.com">tauposwamp@gmail.com</a>

Visit our website: www.tauposwamp.org

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